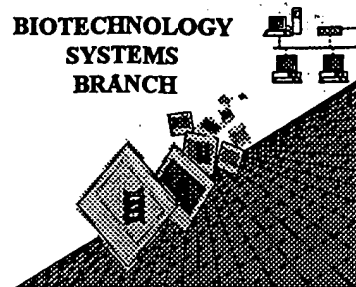


10.1.15

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number:

09/218,913

Art Unit / Team No. :

1652

Date Processed by STIC:

5/19/2000

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

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P. Jung

1652

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/218,913

DATE: 05/19/2000
TIME: 17:32:29

Input Set: I218913.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

Does Not Comply
Corrected Diskette Needed

1 <110> Hall, Roderick L
2 Poll, Christopher T.
3 Newton, Benjamin B.
4 Taylor, William J.A.
5 <120> A Method for Accelerating the Rate of Mucociliary Clearance
6 <130> 98,736
7 <140> US/09/218,913
8 <141> 1998-12-22
9 <160> 71
10 <170> Microsoft Word 97

ERRORED SEQUENCES FOLLOW

11 <210> 11
E--> 12 <211> 170 179 stous
13 <212> PRT
14 <213> Homo sapien
15 <220>
16 <221> peptide
17 <222> 1..170
18 <223> /note= "Xaa at positions 8, 17, 21-26, 40, 42, 45-47, 52, 64,
19 103, 112, 114, 116-121, 135, 137, 140-142, 147, and 159 is any
20 amino acid residue"
21 <400> 11
W--> OK 22 Ala Asp Arg Glu Arg Ser Ile Xaa Asp Phe Cys Leu Val Ser Lys Val
23 1 5 10 15
W--> 24 Xaa Gly Xaa Cys Xaa Xaa Xaa Xaa Xaa Trp Trp Tyr Asn Val Thr
25 20 25 30
W--> OK 26 Asp Gly Ser Cys Gln Leu Phe Xaa Tyr Xaa Gly Cys Xaa Xaa Xaa Ser
27 35 40 45
W--> OK 28 Asn Asn Tyr Xaa Thr Lys Glu Glu Cys Leu Lys Lys Cys Ala Thr Xaa
29 50 55 60
30 Thr Glu Asn Ala Thr Gly Asp Leu Ala Thr Ser Arg Asn Ala Ala Asp
31 65 70 75 80
32 Ser Ser Val Pro Ser Ala Pro Arg Arg Gln Asp Ser Glu Asp His Ser
33 85 90 95
W--> OK 34 Ser Asp Met Phe Asn Tyr Xaa Glu Tyr Cys Thr Ala Asn Ala Val Xaa
35 100 105 110
W--> OK 36 Gly Xaa Cys Xaa Xaa Xaa Xaa Xaa Trp Tyr Phe Asp Val Glu Arg
37 115 120 125
W--> OK 38 Asn Ser Cys Asn Asn Phe Xaa Tyr Xaa Gly Cys Xaa Xaa Xaa Lys Asn
39 130 135 140

what about Xaa at position 19?

PAGE: 2

RAW SEQUENCE LISTING PATENT APPLICATION US/09/218,913

DATE: 05/19/2000
TIME: 17:32:29

Input Set: I218913.RAW

W--> 0/40 Ser Tyr Xaa Ser Glu Glu Ala Cys Met Leu Arg Cys Phe Arg Xaa Gln
41 145 150 155 160
42 Glu Asn Pro Pro Leu Pro Leu Gly Ser Lys Val Val Val Leu Ala Gly
43 165 170 175
44 Ala Val Ser

E--> 45 <210> 16
46 <211> 428 431 stmr
47 <212> DNA
48 <213> Homo sapien
49 <220>
50 <221> misc_feature
51 <222> 1..430
52 <223> /note= "n at positions 3, 11, 12, 17, 51 and 429 represent any nucleic acid"
53 <400> 16

W--OK 54 gcngcgcggtt nntcgcntgc tgggatacgt gctgcacctc tctggggctcg nggcggccga 60
55 ccgagaacgc agcatccacg acttctgcct ggtgtcgaag gtggtgggca gatgccgggc 120
56 ctccatgcct aggtggtggt acaatgtcac tgacggatcc tgccagctgt ttgtgtatgg 180
57 gggctgtgac ggaaacagca ataattacct gaccaaggag gagtgcctca agaaatgtgc 240
58 cactgtcaca gagaatgcca cgggtgacct ggccaccagc aggaatgcag cggattcctc 300
59 tgtcccaagt gctcccagaa ggcaggattc ttgaagacca cttcagcgat atgttcaact 360
60 atgaagaata ctggcaccgc caacgcattc actgggcctg cgtgcatact tcccacgctg 420
W--> 61 gtactttgnc g 431 L

62 <210> 35
63 <211> 36
64 <212> DNA
65 <213> Homo sapien
66 <400> 35
E--> 67 ggtctagagg ccgggtcggt tctcgcttgg ctggga 36 (37)

E--> 68 <210> 54
69 <211> 23
70 <212> DNA PRT
71 <213> Homo sapien
72 <220>
73 <223> Human Bikunin protein fragment
74 <400> 54
75 Met Leu Arg Ala Glu Ala Asp Gly Asn Ser Arg Leu Leu Gly Ser Leu
76 1 5 10 15
77 Leu Leu Ser Gly Val Leu Ala
78 20

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please r view the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I218913.RAW

Line	? Error/Warning	Original Text
12	E Input 170, Calc Seq.Length 179 differ	<211> 170
22	W "N" or "Xaa" used: Feature required	Ala Asp Arg Glu Arg Ser Ile Xaa Asp Phe C
24	W "N" or "Xaa" used: Feature required	Xaa Gly Xaa Cys Xaa Xaa Xaa Xaa Xaa T
26	W "N" or "Xaa" used: Feature required	Asp Gly Ser Cys Gln Leu Phe Xaa Tyr Xaa G
28	W "N" or "Xaa" used: Feature required	Asn Asn Tyr Xaa Thr Lys Glu Glu Cys Leu L
34	W "N" or "Xaa" used: Feature required	Ser Asp Met Phe Asn Tyr Xaa Glu Tyr Cys T
36	W "N" or "Xaa" used: Feature required	Gly Xaa Cys Xaa Xaa Xaa Xaa Xaa Trp T
38	W "N" or "Xaa" used: Feature required	Asn Ser Cys Asn Asn Phe Xaa Tyr Xaa Gly C
40	W "N" or "Xaa" used: Feature required	Ser Tyr Xaa Ser Glu Glu Ala Cys Met Leu A
46	E Input 428, Calc# Bases 431 differ	<211> 428
54	W "N" or "Xaa" used: Feature required	gcngcgcgtt nntcgcntgc tgggatacgt gctgcacc
61	W "N" or "Xaa" used: Feature required	gtactttgnc g
67	E Number of Bases conflict w/ Running Total	ggtctagagg ccgggtcgtt tctcgctgg ctggga
69	E Input 23, Calc# Bases 0 differ	<211> 23

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